



State of Rhode Island Dredging Application and Checklist

Application Instructions and Required Enclosures



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The State of Rhode Island Dredging Application package contains:

- CRMC and RIDEM application forms;
- CRMC and RIDEM regulations concerning dredging; and,
- Army Corps of Engineers dredging thresholds for projects that can receive a federal permit under the state review process (ie: Programmatic General Permit).

Please note that both the CRMC and RIDEM permit application forms are required to be filled out and submitted with a project's site plans. The other documents are provided to be of assistance in completing an application.

In order to reduce duplication of these forms and documents, they are linked below to their respective websites.

- [Application](#) (suitable for CRMC and RIDEM)
- [CRMC Dredging Regulations](#) (applicable)
- [RIDEM Water Quality Regulations](#)
[RIDEM Dredging Regulations](#)
- Army Corps of Engineers [Programmatic General Permit](#) review process



State of Rhode Island Dredging Application Checklist

This application package checklist contains the information requirements needed by CRMC and RIDEM to process requests for all dredging and dredged material disposal activities.

INSTRUCTIONS

1. All applicable sections of the application forms must be completed and signed.
2. The application forms must be submitted with all supporting documents, studies, reports, or additional information where required and applicable (five (5) copies total).

REQUIRED ENCLOSURES

1. Site plan which includes the overall project proposed.
2. A project narrative describing the scope of the work and the anticipated coastal resources and water quality impacts. Address applicable RICRMP (primarily Sections 300.1 and 300.9)
3. “Local” approvals (in on-site/upland disposal proposed).
4. Proof of property ownership
5. Application fee.
6. Any additional items as outlined below.

Site Plan Requirements

1. All site plans must be drawn to scale (1”=40’ **required**).
2. All site plans must be at least 8 ½” x 11” in size.
3. All site plans must have all markings permanently fixed.
4. All site plans must depict the following:
 - (a) All Streets and Rights of Way within 50 feet of the property lines of the proposed activity with fixed reference points including utility poles and numbers, house numbers stone walls fences bulkheads parking lots, above ground and underground utilities, drainage structures or any other similar type infrastructure);
 - (b) Magnetic North arrow;
 - (c) Entire property boundary with dimensions including easements and existing topography;
 - (d) Locus plan using USGS quadrangle map;
 - (e) Graphic and numerical scale;
 - (f) Legend explaining all markings and symbols;
 - (g) All site features that are under CRMC, DEM or ACOE jurisdiction which are typically, but not limited to wetland edge, perimeter wetlands, rivers, streams, coastal features. All features subject to jurisdiction that extend beyond the property line of site or limit of disturbance shall be shown for a distance of 100 feet (min) beyond the project or property line, which ever is greater. This shall also include all surface water bodies within 100 feet of the property.
 - (h) Separate plans that detail the Existing site conditions with contours at two foot intervals, and the Proposed site conditions with contour lines at two foot intervals (one foot if minor project) on the project datum; The existing plan(s) shall detail the groundwater

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classification of all disposal or reuse areas, the zoning designation(s) and the limits / elevation of the flood plain or floodway;

- (i) Proposed limits of disturbance of the dredge area (including side slopes), dewatering area, reuse area and construction staging / access areas with geographic coordinates;
 - (j) All temporary and permanent erosion and sediment controls;
 - (k) All in-water facilities (docks, piers, floats, etc...) on the subject parcel as well as all fixed and floating facilities within 100 feet of the property line or limit of disturbance, which ever is greater (this shall include mooring fields);
 - (l) Location of federal navigation projects (channels, anchorage areas, etc...) shall be shown graphically as well as have the geographic coordinates shown;
 - (m) Cross sectional views every 200' (min) of the area to be dredged showing the existing and proposed contours on a distorted scale of 1:10 (Provide north/south east/west transition sections);
 - (n) The applicant shall address the stability of all adjacent structures that are within 25' of the dredge foot print or side slope and provide a detailed narrative about the stability of these structures subsequent to dredging (as applicable.);
 - (o) A plan that details location and existing conditions of the disposal area with contours. The adjacent areas within 100 feet of the proposed disposal area shall also be shown;
 - (p) A plan detailing the proposed conditions at the disposal area including the placement method. The plan must show all areas within 100 feet of the limit of disturbance;
 - (q) The location and details of the dewatering basin(s) including existing and proposed contours, if not on barge. The plans shall detail the berms, overflow and outlet weirs, runoff collection systems, point source discharge locations and turbidity control methods. The selection and design of settling basins shall be consistent with the USACE publication entitled Engineering and Design, Confined Disposal of Dredged Material, Engineer Manual No. 1110-2-5027;
 - (r) For projects that propose to dewater on a barge, the sediment and turbidity control systems to be utilized shall be detailed, including these controls during material transfer;
 - (s) The location of any pier, dock or road that will be utilized in the transfer, off-loading or removal of the dredge material for dewatering, storage or final placement shall be shown;
 - (t) Mean High and Mean Low Water elevation and the datum used to reference all grades and depths, if not Mean Low Water a table that details the conversion must be included on the plan;
 - (u) A project benchmark with geographic coordinates based on the Rhode Island State Coordinate system shall be within or adjacent to the project and shown on the site plan(s);
 - (v) Location of sampling points and soil logs;
 - (w) The location of any wells within 2000' of the dewatering, storage and reuse area.
5. All site plans that propose work within 25 feet of ANY structure, involve dredging, excavation or grading, propose new structures or are for structural rehabilitation must be prepared by a Registered Professional Engineer and must contain the stamp affixed to each sheet along with the date and the signature of the professional. All other proposals may be prepared by a Registered Land Surveyor.
6. All site plans containing more than one sheet must be numbered consecutively.

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Projects that involve freshwater wetlands shall include the following additional items on the Site Plan:

- (a) The edge of any swamp, marsh, bog, pond, emergent, submergent, shrub or forested wetland or any special aquatic site;
- (b) The edge of any, river stream, intermittent stream, area subject to flooding and or storm flowage
- (c) The edge of any 50' perimeter wetland
- (d) The edge of any one hundred foot (100') or two hundred foot (200') riverbank wetland;
- (e) The edge and elevation of any flood plain and the limit of any floodway
- (f) The proposed limits of all vegetative clearing and surface or subsurface disturbance
- (g) Temporary and permanent stormwater, flood protection and/or water quality management controls and best management practices
- (h) Proposed measures to conduct, contain or otherwise control the movements of surface water, groundwater and stormwater flows including the ultimate destination of such flows

Project that involve Rehandling Facilities shall include the following additional items in the Site Plan:

- (a) All existing and proposed private wells within 2000 feet of the property line
- (b) All existing and proposed infrastructure including roadways, surface and subsurface utilities, sewer and sanitary line and water quality structures
- (c) All existing and proposed site drainage facilities both surface and subsurface
- (d) All existing and proposed loading and unloading infrastructure
- (e) All proposed processing, tipping, sorting and treatment areas
- (f) Cross-sections (to the above standards) of the storage basin berms
- (g) Proposed controls for sedimentation outside of berms, odor, dust and containment plan in the event of berm failure.
- (h) Proposed weighing and vehicle / material control facilities
- (i) On-site traffic patterns
- (j) Proposed landscaping.

Narrative Report Requirements:

- (a) The proposed dredging method and an estimate of the length of the time to conduct the dredging project;
- (b) Stamped calculations verifying the estimated volume of dredge material;
- (c) Aquatic resources in the area such a shellfish beds, eelgrass beds, migratory pathways, habitat for finfish;
- (d) Information of past dredging events, historic spills, past sediment test data taken in or near the proposed dredge area, and the presence of outfalls for both the dredging area and surrounding area. The source(s) of the information shall be referenced;

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- (e) The method of transport to the disposal area(s);
- (f) Stamped calculations verifying the capacity of the dewatering area and the disposal area(s); All design assumptions, settlement and weir calculations shall be detailed in the narrative;
- (g) Estimated dewatering time;
- (h) A letter from the property owner of the dewatering area and the disposal area(s) indicating approval for the estimated volume of dredge material to be dewatered and/or disposed of on their property;
- (i) Disposal area restoration and/or usage plan;
- (j) Applicable RICRMP Regulations. Refer to Section 300.2 & 300.9 standards.

Sampling Plan Requirements

Provide letter from RIDEM showing that the sediments are acceptable for disposal at the proposed disposal site.

A proposed sampling plan must be submitted for review and approval prior to samples being taken. The required sampling will depend on the proposed disposal option for the dredged material. At a minimum, for upland disposal, grain size analysis and bulk sediment analysis must be conducted. TCLP testing is recommended to determine if the material is considered hazardous.

Additional Information That May be Required.

1. A letter requesting the timeframe for dredging if work is proposed anytime other than November 1 through December 31.
2. Approval letter from the solid waste landfill for the estimated volume of dredged material to be disposed of at a landfill or used as daily cover.
3. A species inventory addressing community structure may be required. The scope of work must be approved by the RIDEM Office of Water Resources prior to performing the inventory.
4. Disposal in open water requires a narrative discussing the alternatives to open water disposal that were considered and why these alternatives were not chosen. The RIDEM OWR will coordinate with the ACOE and the EPA in developing a sampling plan for open water disposal.
5. U.S. Army Corps of Engineers permit (concurrent application).

General Information Requirements

Provide an address and/or phone number(s) of contact person(s) who will be able to answer all questions regarding this application.

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Provide an address and/or phone number(s) of contact person(s) who should be contacted should questions regarding monitoring and permit compliance arise during construction.

NOTE: All proposals are forwarded to the Rhode Island Historical Preservation Commission for review and comment in accordance with Section 220 of the RICRMP. In some cases, the applicant may be required to submit the results of an archaeological assessment survey in order to document the presence or absence of significant archaeological sites. If the proposed development would damage a significant historical or archaeological resource, the CRMC may require modification of, or prohibit the proposed action. For additional information, you may contact Rhode Island Historical Preservation directly: Environmental Review Coordinator, 150 Benefit Street, Providence, Rhode Island, 02903. Telephone (401) 277-2678.